

Supplemental Type Certificate

Reissued to replace certificate reported lost.

Number SA4172WE

This Certificate issued to MID CAL DUSTERS
P.O. Box 97
Selma, California 93662

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 8 of the Civil Air Regulations.* *Certification basis is set forth in Type Certificate Data Sheet A9SW Revision No. 2.

Original Product Type Certificate Number : A9SW

Make : Air Tractor

Model : AT-301

Description of Type Design Change: Installation of Hamilton Standard 3D40-209 Hub with 6101A-18 Propeller Blades in accordance with MID CAL DUSTERS installation instructions No. 100 dated May 12, 1980.

Limitations and Conditions: The approval of this change in type design applied basically to Air Tractor Model AT-301 only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. See continuation sheet page 3.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : June 5, 1979

Date reissued : March 18, 1999

Date of issuance : June 20, 1980

Date amended :



By direction of the Administrator

Carlton K. Woo

(Signature)

Manager, Technical & Administrative Support
Staff, Los Angeles Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number SA4172WE

Date of application: June 5, 1979

Date of issuance: June 20, 1980

Date reissued: March 16, 1999

LIMITATIONS AND CONDITIONS (Continued)

		H. P.	RPM	MP	ALT
ENGINE LIMITS:	Takeoff (5 min)	600	2250	36.0	SL
	Max. Cont.	525	2100	33.5	SL
	Max. Cont.	530	2100	32.5	4500

PROPELLER AND PROPELLER LIMITS: Hamilton Standard Constant Speed

- (a) Hub 3D40-209
Blades 6101A-18
Diameter Not over 102 5/8
Not under 100 5/8

No further reduction for maintenance is permitted.

Pitch setting at 42 inch station

High: 19.0°

Low: 11.5°

- (b) Hamilton Standard Governor 1M12-G

POWERPLANT INSTRUMENT MARKINGS:

Tachometer

2250 RPM	Red Radial
1400-2100 RPM	Green Arc
2100-2250 RPM	Yellow Arc

Manifold Pressure

36 in. Hg	Red Radial
19-33.5 in. Hg	Green Arc
33.5-36.0 in. Hg	Yellow Arc

END

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.